



MANUAL CHANGE NOTICE (MCN)

MANUAL TITLE RAY77 Instruction Manual	MANUAL NO. G263142-1	REV -
	MCN NO. 1	

The manual identified by the number and revision letter shown above has been changed. The pages changed by this MCN are those furnished herewith and carrying this MCN number. The pages listed below in the summary of changed pages, combined with non-listed pages of the original issue of the revision shown above, constitute the current version of this manual.

MCN NO.	SUMMARY OF CHANGED PAGES	S	D	A
1	6-2	X		
	6-5	X		
	6-6	X		

"S" Indicates supersedes earlier page.

"D" Indicates deleted page.

"A" Indicates added page.

<u>Description</u>	<u>Q'ty</u>	<u>Symbol</u>	<u>Part No.</u>
Crystal Filter 16M-13B	2	XF-1,2	G263142-6
Ceramic Filter LF-B15	2	CF-1,2	G263014-39
Semi-Fxed Res. 5K	2	VR-1,5	G263080-24
Semi-Fxed Res. 20K	1	VR-6	G263030-23
Semi-Fxed Res. 50K	1	VR-4	G263080-22
Semi-Fxed Res. 100K	1	VR-3	1032698-79
Ceramic Trimmer	2	TC-1,2	G263014-80
Coil 4LNC-111	2	L3,26	G263014-65
Coil 4LNC-155	1	L2	G263014-69
Coil 5LNC-136	1	L14	G263014-66
Coil 5LNC-137	1	L1	G263014-67
Coil 10SNC-140	1	L11	G263014-68
Coil GR-B560	1	L10	G263014-73
Coil GR-S580	1	L4	G263014-74
Coil GR-N586	1	L16	G263014-76
Coil GR-N656	1	L17	G263014-77
Coil GR-N766	1	L20	G263080-29
Coil GR-N767	4	L5,6,7,8	G263080-27
Coil GR-N768	3	L21,22,23	G263080-28
Choke Coil E5N08	1	L25	G263014-63
Choke Coil 6LNC-053	1	L27	G263014-64
Transformer GR-N765	1	T1	G263080-36
Transformer GR-P452503	1	T2	G263014-79
Inductor LAL03NA2R2M	2	L18,19	G263014-59
Inductor LF4-2R7K	1	L9	G263014-61
Inductor LF4-100K	3	L12,13,14	G263014-62
Inductor FL7H-222J	1	L24	1032698-20

Resistor

NOTE: Unless otherwise specified all resistors are carbon film, 1/4W±5%

2.2 Ohm	ERD25UJ2R2	1	R117
18 Ohm	ERD25UJ180	1	R9
27 Ohm	ERD25UJ270	1	R73
47 Ohm	ERD25UJ470	1	R15
56 Ohm	ERD25UJ560	3	R54,70,79
68 Ohm	ERD25UJ680	1	R24
100 Ohm	ERD25UJ101	5	R3,14,49,53,69
220 Ohm	ERD25UJ221	5	R50,74,76,82,116
270 Ohm	ERD25UJ271	3	R41,45,119
330 Ohm	ERD25UJ331	2	R6,114
390 Ohm	ERD25UJ391	1	R56
470 Ohm	ERD25UJ471	4	R10,17,26,77
680 Ohm	ERD25UJ681	2	R23,33
1 kOhm	ERD25UJ102	10	R42,46,57,67,78,90,103,105,108

Table 6-2

*****CPU P.C.B. Assembly Section*****

<u>Description</u>	<u>Q'ty</u>	<u>Symbol</u>	<u>Part No.</u>
CPU P.C.B. Assembly	1		G263142-7
CPU μ PD7502-278	1	IC-201	G263142-8
I.C. TC4077BF	2	IC-202,203	G263142-9
I.C. TA7366P	1	IC-204	G263142-10
Transistor 2SC 2458 (GR)	3	Q205,212,213	G263014-56
Transistor RN 1002	10	Q201,202,203,204,206,207, 208,209,210,211	G263014-57
Transistor 2SA 1015(Y)	1	Q214	G263014-55
Diode 1S1555	5	D201,202,203,204,205	1032698-64
Diode HZ 5BLL	1	D208	G263141-31
Diode HZ 7C3L	1	D212	G263014-52
Ceramic Resonator CSB 400PB	1	X201	G263142-11
Resistor Array 220K X 4	1	RA-201	

ResistorNOTE: Unless otherwise specified all resistors are carbon film, 1/4W, $\pm 5\%$

150 Ohm	ERD25PJ151	1	R214
270 Ohm	ERD25PJ271	1	R226
1.5 KOhm	ERD25PJ152	1	R215
1.8 KOhm	ERD25PJ182	3	R206,211,217
2.2 KOhm	ERD25PJ222	1	R203
3.3 KOhm	ERD25PJ332	7	R205,207,209,216,218,220,222
6.8 KOhm	ERD25PJ682	2	R208,219
8.2 KOhm	ERD25PJ882	1	R212
10 KOhm	ERD25PJ103	4	R223,225,231,232
12 KOhm	ERD25PJ123	1	R230
18 KOhm	ERD25PJ183	1	R224
33 KOhm	ERD25PJ333	1	R237
39 KOhm	ERD25PJ393	2	R210,221
47 KOhm	ERD25PJ473	1	R228
100 KOhm	ERD25PJ104	6	R201,202,227,233,234,235
150 KOhm	ERD25PJ154	1	R236
680 KOhm	ERD25PJ684	1	R213
1 MOhm	ERD25PJ105	2	R204,229

Capacitors

Ceramic, 150 pF, $\pm 5\%$, 50V, NPO	2	C206,207
Ceramic, 0.01 μ F, +80,-20%,50V	1	C208
Elec., 10 μ F, $\pm 20\%$, 16V	2	C205,210
Mylar, 0.001 μ F, $\pm 10\%$, 50V	2	C202,209
Mylar, 0.01 μ F, $\pm 10\%$, 50V	3	C201,203,204
Connector	1	P201

Table 6-3

*****Final Assembly Section*****

<u>Description</u>	<u>Q'ty</u>	<u>Symbol</u>	<u>Part No.</u>
Pilot Lamp	1	PL-201	G263141-13
LCD LT0345W-34G	1		G263141-12
Front Panel Assembly	1		G263142-3
Front Panel	(1)		G263141-23
LDC Window	(1)		G263141-24
Key Panel	(1)		G263142-4
Cabinet Assembly	1		G263142-12
Yoke Assembly	1		G263141-4
Yoke Thumb Screw	2		G263141-5
Yoke Washer	2		G263141-6
Yoke Ratchet	2		G263141-7
Front Panel Gasket	1		G263141-26
Heat Sink Gasket	1		G263141-27
SP. Jack Cap	1		G263141-28
LCD Interconnector	1		
LCD Reflector	1		
LCD Spacer	1		
ANT Jack	1		276-7252P1
EXT/SP. Jack	1		G263141-29
Power Cable Assembly	1		G263141-3
Speaker	1		G263141-31
Microphone	1		G263100-3
Microphone Hanger	1		G263116-2
Fuse	3		226-7176P72
Spark Gap	1		G263014-34
FCC Label	1		
Manual	1		G263142-1
Bridge Card	1		G263142-2
Mic Cable Connector Ass'y	Repair Part		G263129-2
Mic Chassis Connector Ass'y	Repair Part		G263129-1
Power Cable Connector Ass'y	Repair Part		G263129-4
Power Chassis Connector Ass'y	Repair Part		G263129-3

